

Converting Colors

$Y_{xy}(36.7000, 0.4118, 0.4156)$

Have a look what the booklet for
Yxy(36.7000, 0.4118, 0.4156)
contains.

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Color

Yxy(36.6958, 0.4119, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	C29E5C
RGB	194, 158, 92
RGB Percent	76%, 62%, 36%
CMY	0.2391, 0.3804, 0.6391
CMYK	0.00, 0.19, 0.53, 0.24
HSL	39°, 46%, 56%
HSV	39°, 53%, 76%
XYZ	36.4129, 36.6958, 15.2936
YIQ	161.2400, 42.6420, -12.8940

Conversions

Conversions Part 2

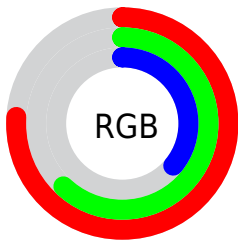
Format	Color
RYB	148, 194, 92
Decimal	12754524
CIELab	67.05, 5.18, 39.22
CIELCh	67, 39.563, 82.484
Yxy	36.6958, 0.4119, 0.4151
Android (android.graphics.Color)	4290944604 (0xFFC29E5C)
YUV	161.2400, -34.1353, 28.7305
Hunter-Lab	60.5771, 1.2866, 27.4353

Details

The Yxy color **36.6958, 0.4119, 0.4151** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.6259, 0.2242, 0.2216**, and the grayscale version is **35.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7960, 0.3933, 0.3994**, and **16.0931, 0.4394, 0.4372** is the 20% darker color. If you saturate the color by 10%, you get **34.1270, 0.4335, 0.4284**, and if you desaturate by 10%, it is **39.4854, 0.3904, 0.3996**.

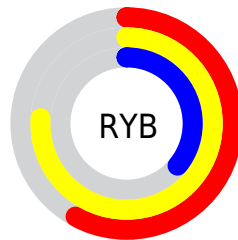
Distribution



Red (76%)

Green (62%)

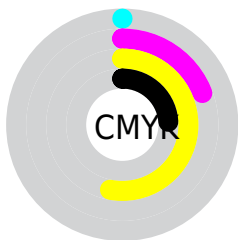
Blue (36%)



Red (58%)

Yellow (76%)

Blue (36%)

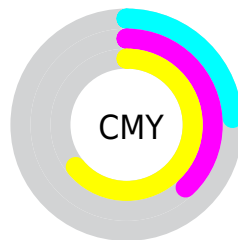


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6958, 0.4119, 0.4151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.6958, 0.4119, 0.4151 by changing the saturation by 10% instead.


 36.6958, 0.4119,
0.4151


 36.6958, 0.4119,
0.4151


331.9916, 0.3616,
0.3726


 24.9721, 0.4241,
0.4249


 70.1047, 0.3937,
0.4001

 16.0562, 0.4392,
0.4367

 92.5586, 0.3869,
0.3943

 9.5640, 0.4580,
0.4506


 119.3580, 0.3810,
0.3894

 5.1108, 0.4838,
0.4687

 150.8873, 0.3760,
0.3851

 2.3124, 0.5141,
0.4859

187.5310, 0.3717,
0.3814

 0.7803, 0.5267,
0.4733

229.6733, 0.3679,

 0.0000, 0.0000,

0.3781

0.0000

277.6987, 0.3645,
0.3752

■ 36.6958, 0.4119,
0.4151

■ 36.6958, 0.4119,
0.4151

■ 34.1270, 0.4335,
0.4284

■ 39.4854, 0.3904,
0.3996

■ 31.7650, 0.4542,
0.4383

■ 42.4987, 0.3697,
0.3829

■ 29.6014, 0.4730,
0.4438

■ 45.7450, 0.3504,
0.3659

■ 27.6248, 0.4888,
0.4443

■ 49.2313, 0.3327,
0.3491

■ 26.2635, 0.4990,
0.4420

■ 52.9643, 0.3166,
0.3330

■ 56.9504, 0.3022,
0.3178

■ 61.1954, 0.2893,
0.3037

■ 65.7053, 0.2779,
0.2906

■ 69.7126, 0.2741,
0.2903

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.6958, 0.4322, 0.3740



36.6958, 0.4119, 0.4151



36.6958, 0.3655, 0.4377

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.6958, 0.4119, 0.4151



36.6958, 0.2177, 0.3165



36.6958, 0.3089, 0.2526

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.6958, 0.4119, 0.4151



21.6259, 0.2242, 0.2216

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.6958, 0.2544, 0.2364



36.6958, 0.4119, 0.4151



36.6958, 0.2060, 0.2671

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.6958, 0.4119, 0.4151



36.6958, 0.2536, 0.3779



36.6958, 0.2187, 0.2403



36.6958, 0.3700, 0.2849

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.6958, 0.4119, 0.4151



36.6958, 0.3271, 0.4343



36.6958, 0.2187, 0.2403



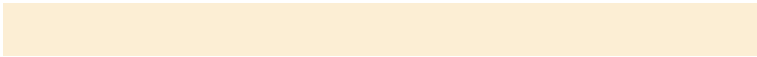
36.6958, 0.2892, 0.2452

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.6976, 0.4119, 0.4151



86.7905, 0.3390, 0.3552



20.7274, 0.4057, 0.2796



18.7152, 0.3427, 0.3587



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6976, 0.4119, 0.4151



61.1770, 0.4365, 0.4300



49.1239, 0.3761, 0.4601



11.1401, 0.3273, 0.3439



17.4209, 0.4977, 0.4431



0.8784, 0.4760, 0.4603

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.6259, 0.2242, 0.2216



31.0875, 0.2054, 0.1933



14.5955, 0.2240, 0.1679



10.3172, 0.2984, 0.3137



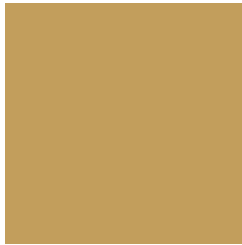
5.4626, 0.1653, 0.1150



0.3666, 0.1782, 0.1615

Previews

White Background



This preview shows how the Yxy color 36.6958, 0.4119, 0.4151 looks on a white background.

Color Contrast Check

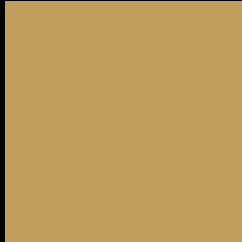
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.6958, 0.4119, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6958, 0.4119, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 36.6958, 0.4119, 0.4151.

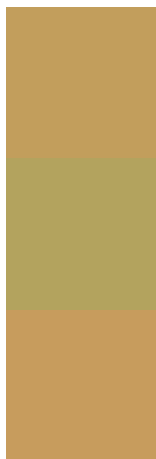


This preview shows how white text looks on a background with the Yxy color 36.6958, 0.4119, 0.4151.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.6958, 0.4119, 0.4151

Protanopia

36.5862, 0.3912, 0.4246

Deuteranopia

36.7094, 0.4176, 0.4097



Tritanopia

36.6653, 0.3534, 0.3149

Trichromacy



Original Color

36.6958, 0.4119, 0.4151

Protanomaly

36.4704, 0.3985, 0.4214

Deuteranomaly

36.7746, 0.4148, 0.4117

Tritanomaly

36.5658, 0.3763, 0.3517

Monochromacy



Original Color

36.6958, 0.4119, 0.4151

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.8034, 0.3479, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6958, 0.4119, 0.4151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 158, 92)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 158, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 92) }
```

Border

The CSS property to change the border of an element to Yxy 36.6958, 0.4119, 0.4151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 158, 92) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 158, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 158, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 92);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6958, 0.4119, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
158, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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